

What is claimed is:

1. A method for winding a strip member which comprises using a tire building machine having a building drum for taking up a strip member of predetermined length without discrete ends and a transfer conveyer for feeding said strip member to said building drum, which method is characterized by detecting the winding-start end of said strip member transferred from said transfer conveyer to said building drum and the winding-finish end of said strip member by means of end sensors, measuring the angle through which said building drum has rotated from the output of a winding start signal to the output of a winding finish signal in response to output signals from said sensors by means of an angle detector, and calculating a lapping margin between the winding start end and the winding finish end of said strip member based on the rotational angle and diameter of said building drum by means of an operational means.